



Kapton tape data sheet

Backing	Polyimide	Polyimide	Polyimide	Polyimide	Polyimide	Polyimide	Polyimide	Polyimide	Polyimide
Adhesive type	Silicone	Silicone	Silicone	Silicone	Silicone	Silicone	Silicone	Silicone	Silicone
Backing Thickness(mm)	0.02	0.025	0.025	0.025	0.05	0.05	0.075	0.1	0.125
Adhesive thickness(mm)	0.025	0.025	0.035	0.045	0.03	0.05	0.045	0.05	0.055
Total Thickness(mm)	0.045	0.05	0.06	0.07	0.08	0.1	0.12	0.15	0.18
Color	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Adhesive strength(kg/25mm)	0.5~0.6	0.6~0.7	0.6~0.7	0.6~0.7	0.6~0.7	0.6~0.7	0.6~0.7	0.6~0.7	0.6~0.7
Elongation (%)	35	35	35	35	35	35	35	35	35
Corrosion resistance	1	1	1	1	1	1	1	1	1
Heat resistance(°C)	260°C	260°C	260°C	260°C	260°C	260°C	260°C	260°C	260°C
Length(m)	33	33	33	33	33	33	33	33	33
Width(mm)	2~500 according to the customers' requirement								

Backing	Polyimide film
Adhesive	Silicone adhesive
Color	Brown
Usage	Heat shielding, Masking protection, H-class insulation
Feature	1 Kapton equivalent polyimide tape, cost effective ! 2 H-class insulation 5KV 3 Silicone adhesive no glue residue 4 Variable thickness from 0.06mm to 0.25mm 5 Size 0.06mm X 500mm X 33m or customized size
Advantage	A.Trading & Factory Supplier since 2003 B.ISO 9001:2008, ROHS, SGS certified for exports C.Complete industry chain from R&D, production to sales D.Shenzhen location best for international trade F.Perfect service available 24/7
Application	I.PCB/FPC/SMT masking protection in electronics II.H-class insulation protection for electrical devices like transformer and capacitor III.Coil wrapping IV. High heat shielding below 280 °C
Sample	1. We send sample at most 20mm width roll or A4 paper size for free 2. Customer shall bear the freight charges 3. It is workable to most of our clients Thanks for cooperation
Lead time	15 workdays
Delivery	FOB Shenzhen or CFR,CIF



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Payment	L/C or TT,Escrow,e-credit line		
Technical Datasheet			
Program	Unit	Value	Test method
Backing	mm	0.025	Micrometer
Total thickness	mm	0.06	Micrometer
Adhesion	N/25mm	6	ASTM D-3330
Tensile strength	N/25mm	115	ASTM D-897
Temperature	°C	280	Thermostat oven
Elongation at break	%	45	Tensile tester
180°C insulation	KV	5	Voltage tester
Storage condition			
Stored at room condition (23 °C ± 2 °C) * (65% ± 5% RH) avoid direct sunlight valid for 12 months			